

## Hopewell Furnace National Historic Site, Accuracy Assessment Points Used to Assess the Alliance-level Vegetation Map Metadata

### Identification\_Information:

#### Citation:

##### Citation\_Information:

Originator: Greg Podniesinski, Pennsylvania Science Office of the Nature Conservancy

Publication\_Date: 20041129

Title: Accuracy assessment points used to assess the alliance-level vegetation map of Hopewell Furnace National Historic Site in 2003

Geospatial\_Data\_Presentation\_Form: vector digital data

Online\_Linkage: [http://biology.usgs.gov/npsveg/hofu/index.html#accuracy\\_assessment\\_info](http://biology.usgs.gov/npsveg/hofu/index.html#accuracy_assessment_info)

#### Description:

Abstract: This shapefile includes the accuracy assessment points used to assess the alliance-level vegetation map of Hopewell Furnace National Historic Site (HOFU) developed by the Pennsylvania Science Office of the The Nature Conservancy for the National Park Service.

Purpose: The shapefile shows point locations for accuracy assesment observation points. Locations were determined using a Trimble pocket pathfinder unit with real-time data correction (from a Trimble "Beacon-on-the-Belt unit).

#### Time\_Period\_of\_Content:

##### Time\_Period\_Information:

##### Single\_Date/Time:

Calendar\_Date: 20030930

Currentness\_Reference: ground condition

#### Status:

Progress: Complete

Maintenance\_and\_Update\_Frequency: None planned

#### Spatial\_Domain:

Description\_of\_Geographic\_Extent: Hopewell Furnace National Historic Site and environs

##### Bounding\_Coordinates:

West\_Bounding\_Coordinate: -75.776878

East\_Bounding\_Coordinate: -75.755924

North\_Bounding\_Coordinate: 40.216537

South\_Bounding\_Coordinate: 40.193940

#### Keywords:

##### Theme:

Theme\_Keyword\_Thesaurus: None

Theme\_Keyword: Vegetation Map

Theme\_Keyword: Alliance level

Theme\_Keyword: Accuracy assessment

##### Place:

Place\_Keyword\_Thesaurus: None

Place\_Keyword: Hopewell Furnace National Historic Site

##### Temporal:

Temporal\_Keyword\_Thesaurus: None

Temporal\_Keyword: 2004

Access\_Constraints: None

Use\_Constraints: None

#### Point\_of\_Contact:

##### Contact\_Information:

##### Contact\_Person\_Primary:

Contact\_Person: Greg Podniesinski

Contact\_Organization: Pennsylvania Science Office of the Nature Conservancy

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**Hopewell Furnace National Historic Site**

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Contact\_Position: Ecologist

Contact\_Address:

Address\_Type: mailing address

Address: 208 Airport Road

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Postal\_Code: 17057

Country: United States

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Contact\_Electronic\_Mail\_Address: c-gpodnies@state.pa.us

Native\_Data\_Set\_Environment: Microsoft Windows 2000 Version 5.1 (Build 2600) Service Pack 1; ESRI ArcCatalog 8.3.0.800

Cross\_Reference:

Citation\_Information:

Originator: Greg Podniesinski, Pennsylvania Science Office of the Nature Conservancy

Originator: Stephanie Perles, Pennsylvania Science Office of the Nature Conservancy

Originator: Lesley Sneddon, NatureServe

Originator: Bill Millinor, North Carolina State University Center for Earth Observation

Publication\_Date: 200412

Title: Vegetation classification and mapping of Hopewell National Historic Site

Geospatial\_Data\_Presentation\_Form: report

Publication\_Information:

Publication\_Place: Middletown, Pennsylvania

Publisher: Pennsylvania Science Office of the Nature Conservancy

Data\_Quality\_Information:

Logical\_Consistency\_Report: ESRI point geometry

Completeness\_Report: All points are included

Positional\_Accuracy:

Horizontal\_Positional\_Accuracy:

Horizontal\_Positional\_Accuracy\_Report: Mean horizontal accuracy of thematic accuracy assessment points was 2.55 m +/- 1.067m STD

Lineage:

Source\_Information:

Source\_Citation:

Citation\_Information:

Originator: Kucera International

Publication\_Date: 200204

Title: Spring 2002 False Color Infrared aerial photography, 1:6000 scale

Geospatial\_Data\_Presentation\_Form: aerial photography

Type\_of\_Source\_Media: color ir aerial transparencies

Source\_Time\_Period\_of\_Content:

Time\_Period\_Information:

Single\_Date/Time:

Calendar\_Date: 200204

Source\_Currentness\_Reference: publication date

Source\_Citation\_Abbreviation: photos

Source\_Contribution: Aerial view of Hopewell Furnace NHS

Process\_Step:

Process\_Description: Locations were determined using a Trimble pocket pathfinder unit with real-time data correction (from a Trimble "Beacon-on-the-Belt" unit).

Process\_Date: 200306

Spatial\_Data\_Organization\_Information:

Direct\_Spatial\_Reference\_Method: Vector

Point\_and\_Vector\_Object\_Information:

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SDTS\_Terms\_Description:

SDTS\_Point\_and\_Vector\_Object\_Type: Entity point

Point\_and\_Vector\_Object\_Count: 52

Spatial\_Reference\_Information:

Horizontal\_Coordinate\_System\_Definition:

Planar:

Grid\_Coordinate\_System:

Grid\_Coordinate\_System\_Name: Universal Transverse Mercator

Universal\_Transverse\_Mercator:

UTM\_Zone\_Number: 18

Transverse\_Mercator:

Scale\_Factor\_at\_Central\_Meridian: 0.999600

Longitude\_of\_Central\_Meridian: -75.000000

Latitude\_of\_Projection\_Origin: 0.000000

False\_Easting: 500000.000000

False\_Northing: 0.000000

Planar\_Coordinate\_Information:

Planar\_Coordinate\_Encoding\_Method: coordinate pair

Coordinate\_Representation:

Abscissa\_Resolution: 0.000004

Ordinate\_Resolution: 0.000004

Planar\_Distance\_Units: meters

Geodetic\_Model:

Horizontal\_Datum\_Name: North American Datum of 1983

Ellipsoid\_Name: Geodetic Reference System 80

Semi-major\_Axis: 6378137.000000

Denominator\_of\_Flattening\_Ratio: 298.257222

Entity\_and\_Attribute\_Information:

Detailed\_Description:

Entity\_Type:

Entity\_Type\_Label: HOFU\_Veg\_AA\_2003

Entity\_Type\_Definition: Alliance Level vegetation map for Hopewell Furnace National Historic Site

Entity\_Type\_Definition\_Source: PSO-TNC

Attribute:

Attribute\_Label: FID

Attribute\_Definition: Internal feature number.

Attribute\_Definition\_Source: ESRI

Attribute\_Domain\_Values:

Unrepresentable\_Domain: Sequential unique whole numbers that are automatically generated.

Attribute:

Attribute\_Label: Shape

Attribute\_Definition: Feature geometry.

Attribute\_Definition\_Source: ESRI

Attribute\_Domain\_Values:

Unrepresentable\_Domain: Coordinates defining the features.

Attribute:

Attribute\_Label: AA\_ObsCode

Attribute\_Definition: sequentially assigned labels for accuracy assessment points, all prefixed by "HOFU." and numbered sequentially from HOFU.1 through HOFU.52

Attribute\_Definition\_Source: PSO-TNC

Attribute\_Domain\_Values:

Range\_Domain:

Range\_Domain\_Minimum: 2.1

Range\_Domain\_Maximum: 8.0

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Distribution\_Information:

Distributor:

Contact\_Information:

Contact\_Organization\_Primary:

Contact\_Organization: USGS Center for Biological Informatics

Contact\_Position: USGS-NPS Vegetation Mapping Program Coordinator

Contact\_Address:

Address\_Type: mailing and physical address

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Distribution\_Liability:

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Standard\_Order\_Process:

Digital\_Form:

Digital\_Transfer\_Information:

Format\_Name: HTML

Digital\_Transfer\_Option:

Online\_Option:

Computer\_Contact\_Information:

Network\_Address:

Network\_Resource\_Name: [http://biology.usgs.gov/npsveg/hofu/index.html#accuracy\\_assessment\\_info](http://biology.usgs.gov/npsveg/hofu/index.html#accuracy_assessment_info)

Access\_Instructions: Internet Access

Fees: None

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Metadata\_Reference\_Information:

Metadata\_Date: 20050218

Metadata\_Review\_Date: 20060831

Metadata\_Contact:

Contact\_Information:

Contact\_Organization\_Primary:

Contact\_Organization: USGS-NPS Vegetation Mapping Program Coordinator

Contact\_Address:

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U.S. Geological Survey, Center for Biological Informatics, MS 302,  
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Metadata\_Standard\_Name: FGDC-STD-001.1-1999 Content Standard for Digital Geospatial Metadata, 1998 Part 1:  
Biological Data Profile, 1999

Metadata\_Standard\_Version: FGDC-STD-001-1998

Metadata\_Extensions:

Online\_Linkage: <http://biology.usgs.gov/fgdc.bio/bionwext.txt>

Profile\_Name: Biological Data Profile FGDC-STD-001.1-1999